

SECRET**PRIORITY**

S E C R E T 080117Z CITE [REDACTED]

1967 AUG 8 01 42Z

PRIORITY [REDACTED]

OXCART

SUBJECT: EVALUATION OF BLACK SHIELD MISSION BX6710

1. CAMERA F, TYPE 1, WAS USED ON MISSION BX6710. THE EXPOSURE WAS GOOD. PROCESSING WAS ACCOMPLISHED AT [REDACTED] THERE IS A TOTAL OF 1480 FRAMES. 25X1

2. BOTH CAMERAS OPERATED SATISFACTORILY THROUGHOUT THE MISSION. DURING STRAIGHT AND LEVEL FLIGHT, [REDACTED] (ONE BAR PLUS ONE SPACE) WAS OBTAINED IN THE VERTICAL PORTIONS OF THE PHOTOGRAPHY. METERING WAS SATISFACTORY WITH OVERLAP OCCURRING ONLY AT STARTUP OR RUNDOWN. 25X1

3. THERE WAS NO CAMERA OPERATION DURING ASCENDING AND DESCENDING PORTIONS OF THE MISSION. ALTITUDES RANGED FROM 75,100 FEET TO 80,900 FEET (UNCORRECTED BAROMETRIC READINGS).

4. EXPOSURE WAS 1/190 FOR THE FIRST 1,340 FRAMES AND 1/170 FOR THE REMAINDER OF THE MISSION. THE ENTIRE MISSION WAS PROCESSED AT FULL.

5. A GOOD CORRELATION WAS OBTAINED. THE TIME FROM THE FILM DATA BLOCK WAS ONE SECOND HIGHER THAN THE INS ELAPSED TIME THROUGHOUT THE MISSION. THE INS TAPE IS SATISFACTORY.

6. THE ELAPSED TIME OF EVENTS AFTER VEHICLE LANDING IS AS FOLLOWS:

	HOURS	MINUTES
INS TRANSMISSION RECEIVED	01	42
D VALUE CABLE RECEIVED	09	42
MATERIAL ARRIVED AT [REDACTED]	25	03
UNTITLED DP'S ARRIVED AT NPIC	35	33
FINAL FRAME EPHEMERIS COMPLETED	38	48
INITIAL READOUT COMPLETED	47	33
IPIR SENT FROM [REDACTED]	49	33

DISTRIBUTION	
By No.	Office
1	File
2	OS
	SEC BI
3	TDS
	CSD
4	IFD
	PD
	PSD
5,6	PSD-IC
	TID
	IAD

7. APPROXIMATELY 50 PERCENT OF THE MISSION IS IN THE CAGED STATUS. MOST OF THE CAGING OCCURRED DURING TURNS. THE DATA BLOCK CAGING LIGHT DISAGREED WITH THE INS INDICATOR FOR A TOTAL OF SIX FRAMES. MOST OF THE MISSION USED PROGRAMMED V/H. THE FOLLOWING IS A TABLE SHOWING THE ERROR IN THE V/H.

FRAME	PERCENT CLOUD COVER AT ZERO SCAN	V/H INDICATOR	INS V/H	APLUSB OVERLAP	PERCENT ERROR IN V/H
287-289	0	ON	0.0397	3.36	6.19
331-333	5	ON	0.0400	3.32	4.78
341-343	5	ON	0.0400	3.29	3.75
533-535	0	ON	0.0397	3.23	1.77
605-607	5	ON	0.0397	3.31	3.61
711-713	5	ON	0.0390	3.13	-1.40
759-761	0	ON	0.0395	3.25	2.42
1077-1079	5	OFF	0.0403	3.32	4.78
1397-1399	5	ON	0.0392	3.26	2.75
1429-1431	5	OFF	0.0399	3.29	3.75

8. CLOUDS COVERED APPROXIMATELY 30 PERCENT OF THE MISSION. LIGHT HAZE WAS EVIDENT THROUGHOUT.

S E C R E T

END OF MESSAGE

25X1

SECRET**SECRET**GROUP 1
Excluded from automatic
downgrading and
declassification

NGA Review Complete